

# Amendments to the Claims

A full listing of the claims is as follows:

1-30. (Canceled)

31. (Currently amended) A method of treating a psychiatric disorder or a psychiatric function in a patient in need thereof, comprising

delivering a first electrical stimulus to an intralaminar nuclei of a brain of a mammal ~~having~~  
in need of treatment of a psychiatric disorder or psychiatric function; and

delivering a second electrical stimulus to another area of the brain, wherein the another area of the brain is not the intralaminar nuclei;

wherein the psychiatric disorder is selected from the group consisting of: obsessive compulsive disorder, depression, anxiety disorder, autism, dyslexia, generalized anxiety disorder, post traumatic stress disorder, panic attack, social phobia, major depression, bipolar disorder, schizophrenia, ~~attention deficit disorder,~~ and substance abuse disorder or substance abuse addiction; and

wherein the psychiatric function is selected from the group consisting of: ~~drive,~~ fear, anger, anxiety, euphoria, sadness, and flight/fight response.

32. (Previously presented) The method of claim 31, wherein the another area of the brain is selected from the group consisting of the pre-frontal cortex, orbitofrontal cortex, anterior limb of the internal capsule, nucleus accumbens, ventral striatum, ventral pallidum, anterior nucleus of the thalamus, dorsomedial nucleus of the thalamus, intralaminar thalamic nuclei, cingulate cortex, amygdala, hippocampus, mammillary bodies, lateral hypothalamus, locus coeruleus, dorsal raphe nucleus, ventral tegmentum, substantia nigra pars compacta, and substantia nigra pars reticulata.

33. (Canceled)

34. (Canceled)

35. (Previously presented) The method of claim 31, further comprising sensing activity in an area of the brain associated with the psychiatric disorder.

36. (Previously presented) The method of claim 35, wherein the area of the brain associated with the psychiatric disorder is not the intralaminar nuclei.